

Serial No. 09/606,445

## CLAIMS WITH DELETIONS AND INSERTIONS SHOWN

1. A [cellular telephone a] multi-band antenna apparatus comprising:  
a multi-band antenna including a first element and a second element, the first and second elements having different resonant frequencies; and  
a grounded helical antenna surrounding the multi-band antenna.
3. The multi-band antenna apparatus as in claim 2 wherein the multi-band antenna comprises a helical antenna and [coupled to] a monopole antenna.
6. A cellular telephone antenna comprising:  
an inner antenna including a first element and a second element, the first and second elements having different resonant frequencies; and  
a radio frequency (RF) grounded helical antenna surrounding the inner antenna, the RF grounded helical antenna including,  
a first section having a distance between adjacent turns of a first predetermined amount, and  
a second section having a distance between adjacent turns of a second predetermined amount, the second predetermined amount less than the first predetermined amount.
7. The cellular telephone antenna as in claim 6 wherein a resonant frequency of the RF grounded helical antenna is substantially equal to a resonant frequency of one of the first and second elements the inner antenna.
10. The cellular telephone antenna as in claim [9] 6 wherein the first antenna element comprises an inner helical element, and wherein the [a] resonant frequency of the RF grounded helical antenna is substantially equal to a resonant frequency of the inner antenna.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, DC 2023  
www.uspto.gov

Paper No.

## Notice of Non-Compliant Amendment (37 CFR 1.121)

The amendment filed on 3-14-02 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121, as amended on September 8, 2000 (see 65 Fed. Reg. 54603, Sept. 8, 2000, and 1238 O.G. 77, Sept. 19, 2000). In order for the amendment to be compliant, applicant must supply the following omissions or corrections in response to this notice.

THE FOLLOWING ITEMS ARE REQUIRED FOR COMPLIANCE WITH RULE 1.121 (APPLICANT NEED NOT RE-SUBMIT THE ENTIRE AMENDMENT):

- ☐ 1. A clean version of the replacement paragraph(s)/section(s) is required. See 37 CFR 1.121(b)(1)(ii).
- ☐ 2. A marked-up version of the replacement paragraph(s)/section(s) is required. See 37 CFR 1.121(b)(1)(iii).
- ☐ 3. A clean version of the amended claim(s) is required. See 37 CFR 1.121(c)(1)(i).
- ☒ 4. A marked-up version of the amended claim(s) is required. See 37 CFR 1.121(c)(1)(ii).

Explanation: In claim 1 the marked up version do not show additions.

(LIE: Please provide specific details for correction to assist the applicant. For example, "the clean version of claim 6 is missing.")

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714 and the USPTO website at <http://www.uspto.gov/web/offices/dcom/olia/pbg/sampleaf.pdf>. A condensed version of a sample amendment format is attached.

- ☐ **PRELIMINARY AMENDMENT:** Unless applicant **supplies the omission or correction** to the preliminary amendment in compliance with revised 37 CFR 1.121 noted above within ONE MONTH of the mail date of this letter, examination on the merits may commence without entry of the originally proposed preliminary amendment. This notice is not an action under 35 U.S.C. 132, and this ONE MONTH time limit is not extendable.
- ☐ **AMENDMENT AFTER NON-FINAL ACTION:** Since the above-mentioned reply appears to be *bona fide*, applicant is given a TIME PERIOD of ONE MONTH or THIRTY DAYS from the mailing of this notice, whichever is longer, within which to **supply the omission or correction noted above** in order to **avoid abandonment**. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

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Legal Instruments Examiner (LIE)

(Rev. 12/01)